

THIRD-ORDER LEVELING
SEA LEVEL DATUM OF 1929

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

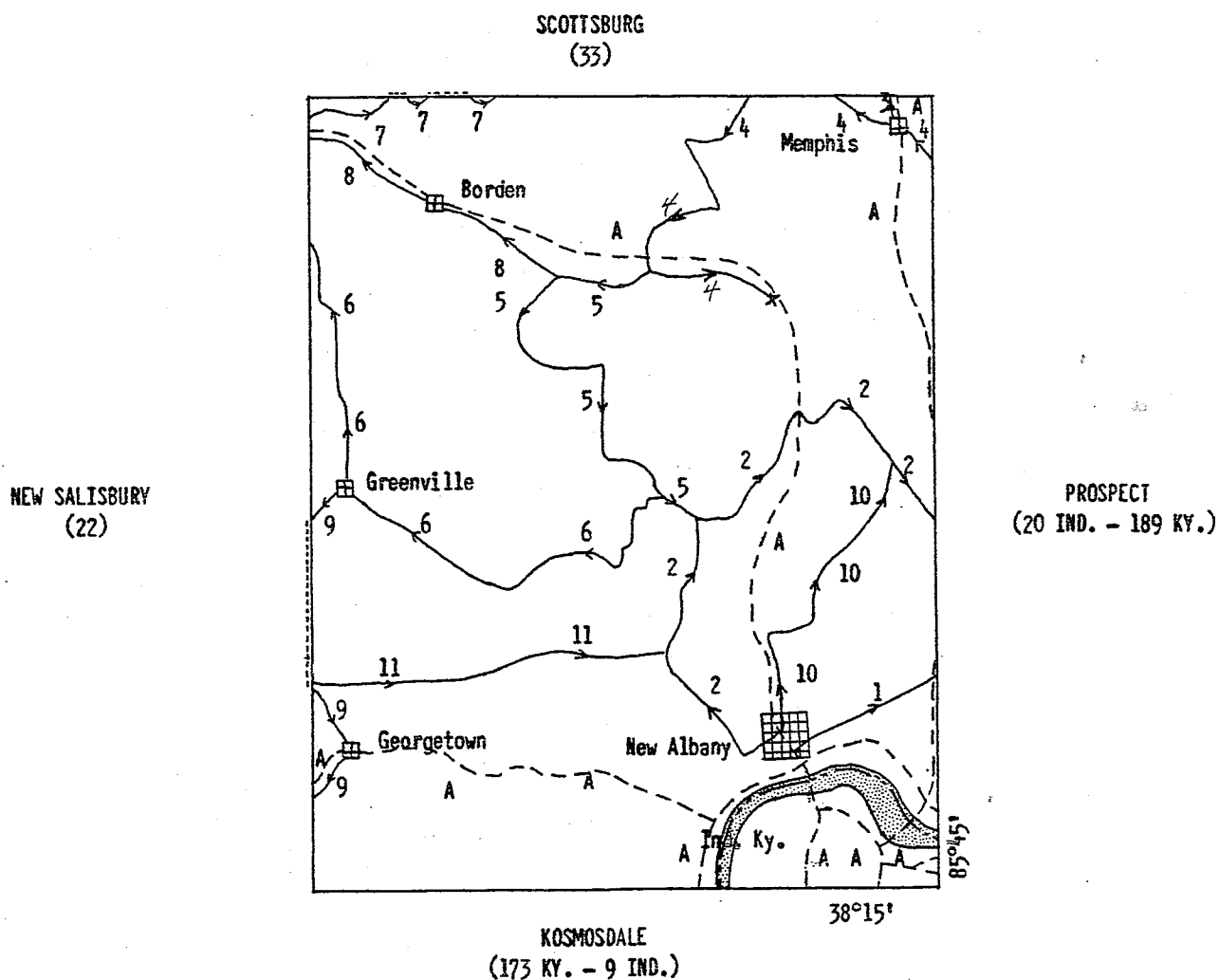
38-085-34
NEW ALBANY QUADRANGLE
21 IND. - 190 KY.
N3815-W8545/15
DIAGRAM NJ 16-6
LOUISVILLE

Clark, Floyd, Harrison and
Washington Counties, Indiana
Jefferson County, Kentucky

Final adjustment of 1973

Edition of 5/6/74

PR: DSW/mjh



NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 380853

X - Tie to Isolated Bench Mark

INDEX OF PERMANENT MARKS

<u>MARK (USGS)</u>	<u>PAGE NO.</u>	<u>MARK (USGS)</u>	<u>PAGE NO.</u>
431	3	TT 13 D 1937 943	8
436	3	TT 14 D 1937 778	8,8
443	3	TT 15 D 1937 758	8
448 (447.808)	4	TT 16 D 1937 828	8,10
448 (448.109)	4	TT 17 D 1937 960	9
449	3	TT 20 D 1937 867	9
450	4	TT 23 D 1937 542	7,9
451	3	TT 24 D 1937 562	9
452 (451.268)	3	TT 29 D 1937 676	10,10
452 (452.983)	3	TT 38 D 1937 446	10
454 (453.552)	3	TT 45 D 1937 747	11
454 (454.917)	4	TT 46 D 1937 891	11
454 (454.038)	4	6 W 1937 488	5
454 (454.146)	4	7 W 1937 967	6,8
455	3	9 W 1937 RESET 1940	7
455	4	10 W 1937 936 RESET 1962	8
456	5		
457 (456.510)	3	<u>USED</u>	
457 (457.061)	3		
458 (457.816)	4	USE 122	5,5
458 (457.297)	4	936-A	5
459	3		
461	4	<u>NGS</u>	
464	4		
502	4	SIX MILE 1884 1914 1933	6
504	5	W 49 1934	5
520	5	D 56 1934	10
536	5	A 60 1934	6
545	7		
547	6		
577	4		
PTS NO 5 1905 878	10		
TT 4 D 1937 453	5		
TT 5 D 1937 845	8		
TT 6 D 1937 499	6,10		
TT 10 D 1937 658	7		
TT 11 D 1937 510	7		

ISOLATED BENCH MARKS (By C. H. Semper, 1906; Book 8425; E. C. Bibbee, 1910; Book A 8666; and E. L. McNair, 1911; Book A 8834)	<u>Feet</u>
B.M. 9, at SE. corner of 28th and Madison Streets; to grocery store, azimuth $310^{\circ}29'$, distance 7 ft; to corner residence No. 1600, azimuth $91^{\circ}36'$, distance 60.9 ft; standard tablet stamped "449" (Tied by NGS, 1954)	448.529
B.M. 10, on N. side of Market Street, at head of 28th Street; to grocery store, azimuth $355^{\circ}22'$, distance 66.9 ft; to corner of saloon, azimuth $52^{\circ}04'$, distance 79.1 ft; standard tablet stamped "451" (Tied by NGS, 1954) (Reported not found, 1960)	450.849
B.M. 11, at NE. corner of 26th and Rowan Streets; to corner of saloon, azimuth $227^{\circ}00'$, distance 9.1 ft; to S. end of fence, azimuth $135^{\circ}22'$, distance 61.9 ft; standard tablet stamped "452" (Reported destroyed, 1950)	451.268
B.M. 12, at NE. corner of 26th and Slevin Streets; to corner of Ohlmans Exchange, azimuth $100^{\circ}28'$, distance 47 ft; to Hochstrass residence, azimuth $258^{\circ}28'$, distance 9.8 ft; standard tablet stamped "459" (Reported destroyed, 1950)	458.397
B.M. 13, at SE. corner of 26th Street and Portland Avenue; to grocery store, azimuth $108^{\circ}09'$, distance 46.6 ft; to pump, azimuth $352^{\circ}46'$, distance 7.9 ft; standard tablet stamped "454"	453.552
B.M. 14, on SE. corner of Portland Avenue at Kentucky and Indiana Terminal Railroad crossing; 65 ft W. of W. curb to 30th Street; 8 ft E. of centerline of RR. track; standard tablet stamped "457" (Reported not found, 1950)	456.510
B.M. 15, at NW. corner of 33rd and Rudd Streets; to grocery store, azimuth $136^{\circ}45'$, distance 9.3 ft; to pump, azimuth $260^{\circ}08'$, distance 81.5 ft; standard tablet stamped "443"	442.883
B.M. 16, at SE. corner of 35th and Water Streets; to corner of saloon, azimuth $317^{\circ}50'$, distance 15.5 ft; to manhole in Water Street, azimuth $199^{\circ}03'$, distance 10.7 ft; standard tablet stamped "431" (Reported destroyed, 1950)	431.024
B.M. 17, at SW. corner of 35th Street and North Western Parkway; to S. corner of wall of academy grounds, azimuth $130^{\circ}15'$, distance 129 ft; to cement foundation, azimuth $55^{\circ}48'$, distance 13.7 ft; standard tablet stamped "452"	452.983
B.M. 18, on S. side of North Western Parkway; 446 ft W. of W. curb of 38th Street; to corner of brick house, azimuth $191^{\circ}33'$, distance 91.9 ft; to corner of warehouse, azimuth $132^{\circ}03'$, distance 131 ft; standard tablet stamped "455" (Reported not found, 1960)	454.531
B.M. 19, on S. side of Bank Street extended; on N. side of farm of Mrs. Findlay; 300 ft from Ohio River; to nail in sycamore tree, azimuth $267^{\circ}40'$, distance 59.5 ft; to nail in tree, azimuth $132^{\circ}27'$, distance 73.4 ft; standard tablet stamped "436" (Reported not found, 1950)	436.155
B.M. 20, on SW. corner of Fountaine Ferry Road and North Western Parkway; at NW. corner of Fountaine Ferry Park; to nail in pole, azimuth $295^{\circ}26'$, to nail in tree, azimuth $258^{\circ}56'$; standard tablet stamped "457" (Reported not found, 1950)	457.061

ISOLATED BENCH MARKS (Cont'd.)Feet

B.M. 21, at junction of E.-W. rd. and rd. N.; in W. part of Shawnee Park; to water plug, azimuth $47^{\circ}35'$ distance 46 ft; to lamppost, azimuth $324^{\circ}28'$, distance 4.5 ft; standard tablet stamped "454" (Reported not found, 1950)	454.917
B.M. 22, on West Broadway; to nail in tree, azimuth $120^{\circ}09'$, distance 72.8 ft; to urn, azimuth $303^{\circ}55'$, distance 174 ft; standard tablet stamped "450" (Reported disturbed, 1950)	NOT FOUND '79 449.843
B.M. 23, on Broadway, at head of 42nd Street; to telephone pole, azimuth $314^{\circ}44'$, distance 71 ft; to telephone pole, azimuth $48^{\circ}28'$, distance 76 ft; standard tablet stamped "448"	447.808
B.M. 24, on NE. corner of Broadway and 37th Street; to corner of red brick house, azimuth $220^{\circ}49'$, distance 47.9 ft; to SE. corner of yellow brick house, azimuth $104^{\circ}31'$, distance 188.5 ft; standard tablet stamped "448" (Reported not found, 1950)	448.109
B.M. 84, on SE. corner of Main and First Streets; to NE. corner of building of Bill Dryer Company, azimuth $93^{\circ}34'$, distance 53.3 ft; to NW. corner of liquor store of James Thompson & Bros., azimuth $299^{\circ}30'$, distance 10.2 ft; standard tablet stamped "461" (Reported not found, 1950)	460.958
B.M. 85, on NW. corner of Main and Seventh Streets; to NW. corner of Post Office Station No. 23, azimuth $340^{\circ}03'$, distance 105 ft; to SW. corner of drugstore, azimuth 282° , distance 49.2 ft; standard tablet stamped "458" (Reported not found, 1950)	457.816
B.M. 86, on NE. corner of Main and 11th Streets; to SE. corner of Doyles Saloon, azimuth $99^{\circ}04'$, distance 50.1 ft; to NE. corner of store of J. V. Reed & Co., azimuth $37^{\circ}30'$, distance 101.6 ft; standard tablet stamped "454" (Tied by NGS, 1954)	454.038
B.M. 87, on NE. corner of Main and 15th Streets; to SE. corner of store of R. F. Avery & Sons, azimuth $109^{\circ}11'$, distance 52.8 ft; to NW. corner of store of J. B. Gibson, azimuth $1^{\circ}56'$, distance 80.2 ft; standard tablet stamped "458" (Reported not found, 1950)	457.297
B.M. 88, on NE. corner of Main and 19th Streets; to pump at SW. corner, azimuth $37^{\circ}56'$, distance 87.3 ft; to saloon at NW. corner, azimuth $100^{\circ}53'$, distance 50.5 ft; standard tablet stamped "454" (Tied by NGS, 1954)	454.146
B.M. 89, on NE. corner of Main and 24th Streets; to dry good store on SE. corner, azimuth $108^{\circ}56'$, distance 53.6 ft; to NW. corner of warehouse of American Tobacco Company, azimuth $2^{\circ}45'$, distance 80.2 ft; standard tablet stamped "455" (Reported not found, 1950)	454.563
New Albany; at SW. corner of Main and Vincennes Streets; opposite Baltimore and Ohio Railroad station; on iron post; standard cap stamped "464" (Recovered, 1911)	NOT FOUND '79 463.296
New Albany, 3.2 mi SW. of; on SW. side of rd. at junction of Y-rd. S.; on iron post; standard cap stamped "502"	NOT FOUND '79 501.100
Borden, 0.6 mi NW. of; 6 ft W. of RR. track; in N. stone abutment of bridge No. 298.4; standard tablet stamped "577"	576.209

ISOLATED BENCH MARKS (Cont'd.)

	<u>Feet</u>
Borden, 3.0 mi SE. of; 120 ft NW. of milepost No. 302; 11 ft E. of track; in S. side of stone culvert No. 301.9; standard tablet stamped "520" (Tied by MGS, 1949)	519.825
Carwood, 0.1 mi W. of; 9 ft W. of RR. track; in S. abutment of steel bridge No. 303.7; standard tablet stamped "504"	503.198
New Albany, 3.8 mi N. of; 11 ft W. of RR. track; in stone culvert No. 312.8; standard tablet stamped "536"	534.900
New Albany, 1.0 mi N. of Chicago, Indianapolis, and Louisville Railway station; 12 ft S. of RR. track; in SE. end of S. stone abutment of steel bridge; standard tablet stamped "456" (Tied by MGS, 1954)	455.347

LINE 1.

By C. S. Wells, 1937; Book B 7312

New Albany; intersection of State and Spring Streets; in SW. corner of courthouse yard; on iron pipe; USED standard cap stamped "USE 122" (Reported destroyed, 1965)	452.540
New Albany; at NW. corner of McBeth and 14th Streets; in SE. corner of yard of New Albany Veneering Works; 17 ft N. of centerline of Southern Railway tracks; 10 ft W. of power pole; on iron pipe; USED standard cap designated "936-A"	446.608
U. E., New Albany, 2.0 mi NE. of post office, along State Highway 62; on E. end of N. rail of concrete bridge over Silver Creek; chiseled square	447.52
New Albany, 3.6 mi NE. of post office; 0.2 mi NE. of McCullough Chapel School, along State Highway 131; 30 ft S. and 12 ft E. of junction of drive to Heizers Chicken Hatchery; in concrete post; standard tablet stamped "TT 4 D 1937 453" (Reported destroyed, 1967)	453.002
Reference mark; 25 ft NE. of tablet; on N. corner of concrete headwall over creek; chiseled square	453.63
U. E., New Albany, 4.6 mi NE. of post office; 120 ft SE. of intersection of State Highway 131 and U. S. Highway 31E; on concrete headwall of culvert; chiseled square	471.61
"W 49 1934" (NGS)	471.141

LINE 2.

By C. S. Wells, 1937; Book B 7312

"USE 122" (USED) (Described in line 1) (Reported destroyed, 1965)	452.540
U. E., New Albany, 2.0 mi NW. of post office; 160 ft NW. of crossroads; on NW. corner of W. concrete rail base of bridge over creek; chiseled square	462.66
New Albany, 2.9 mi NW. of post office; 170 ft S. of junction of rd. E.; in NW. concrete wingwall of bridge over stream; standard tablet stamped "W 1937 488" Reported Destroyed '79	487.585

LINE 2 (Cont'd.)feet

Reference mark; 40 ft E. of tablet; on W. end of concrete rail base of bridge over stream; chiseled square	488.19
U. E., New Albany, 4.4 mi NW. of post office; at stream crossing; on S. end of W. rail base of concrete bridge; chiseled square	571.32
New Albany, 6.0 mi NW. of post office, along State and Green Valley Roads; 2.0 mi NE. of St. Marys Church; 110 ft S. of junction of E.-W. rd.; on W. side of rd.; in concrete headwall over drain; standard tablet stamped "7 W 1937 967"	NOT FOUND ¹⁷⁹ 967.473
Reference mark; 150 ft N. of tablet; 40 ft NE. of junction of rd.; in root of persimmon tree; copper nail and washer	971.09
U. E., St. Joseph, 1.3 mi S. of, along State Highway 111, thence 1.8 mi SW.; 20 ft SE. of junction of rds.; on S. side of rd.; on concrete headwall over drain; chiseled square	979.24
St. Joseph, 1.7 mi S. of, along State Highway 111, thence 0.3 mi W.; on property of Norwood Moore; on SE. end of wooded spur of land; 0.1 mi SE. of small white house; 240 ft E. of old stone quarry; in concrete post; NGS standard triangulation station disk stamped "SIX MILE 1884 1914 1933"	934.145
U. E., St. Joseph, 1.3 mi S. of, along State Highway 111; 25 ft NW. of junction of I-rd. W.; on concrete headwall over drain; chiseled square	579.56
St. Joseph, 0.2 mi SE. of; 10 ft E. of RR. track; in stone arch culvert No. 309.6; standard tablet stamped "547"	546.311
Reference mark; 500 ft N. of tablet; on E. side of RR. track; in concrete headwall over drain; chiseled square	548.37
Sellersburg, 2.3 mi S. of, along U. S. Highway 31W; on E. side of hwy.; 50 ft S. and 25 ft E. of crossing of hwy. and county line rd.; on right-of-way near fenceline; in concrete post; standard tablet stamped "TI 6 D 1937 499"	498.532
Reference mark; 80 ft N. of tablet; 35 ft NE. of crossroads; in base of telephone pole; RR. spike	501.79
U. E., Sellersburg, 1.2 mi S. of, along U. S. Highway 31W, thence 1.4 mi SE. along State Highway 60; 30 ft S. of crossroads; on concrete pipe culvert; chiseled square	492.98

LINE 3.

By C. S. Wells, 1937; Book B 7312

"A 60 1934" (NGS)	476.613
U. E., Memphis, 1.1 mi N. of, along U. S. Highway 31; on top of NE. wingwall of bridge over Blue Lick Creek; chiseled square	483.78

1937

LINE 4.

Feet

By C. S. Wells, 1937; Book B 7312

U. E., Memphis, 1.0 mi NW. of, along rd. to Blue Lick; on W. side of rd.; on concrete headwall over drain; chiseled square

509.91

[Jogs into Scottsburg quadrangle]

U. E., Blue Lick, 1.3 mi SW. of; at junction of T-rd. NW.; on NE. end of SE. concrete headwall of bridge over stream; chiseled square

534.01

Blue Lick, 3.1 mi SW. of; 4.5 mi NE. of Carwood; 23 ft S. and 44 ft W. of NE. corner of triangle at rd. forks; in NE. corner of triangular wooded patch; in concrete post; standard tablet stamped "TT 10 D 1937 658"

658.000

Reference mark; 70 ft S. of tablet; in root of 24-in. pine tree; RR. spike

653.05

Carwood, 1.3 mi NE. of station; 0.3 mi NE. of Buzzards Roost School; 350 ft NE. of bridge over branch of Muddy Fork Creek; 35 ft N. and 65 ft W. of center of small triangle formed by junction of rds.; 9 ft W. of old well in field; on W. side of rd.; in concrete post; standard tablet stamped "TT 11 D 1937 510"

510.223

Reference mark; 560 ft W. of tablet; on S. side of floor of bridge over branch of Muddy Fork Creek; chiseled square

503.24

U. E., Carwood; 300 ft W. of intersection of hwy. and C., I. & L. Ry.; 10 ft N. of N. rail; on NW. corner of E. abutment of steel bridge No. 303.7; chiseled square

501.16

Wilson, 0.9 mi SE. of; 7 ft SW. of SW. track; in rock culvert No. 306.5; standard tablet stamped "545" (Recovered, 1937; tied by NGS, 1949)

544.497

LINE 5.

By C. S. Wells, 1937; Book B 7312

U. E., Carwood; 300 ft W. of intersection of rd. and C., I. & L. RR.; chiseled square
(Described in line 4)

501.16

Carwood, 1.3 mi W. of, along State Highway 60; 171 ft W. of junction of rd. W.; 39 ft S. of centerline of hwy.; in concrete post; standard tablet stamped "9 W 1937 RESEY 1940"

520.234

Reference mark; 700 ft W. of tablet; on NE. concrete wingwall of bridge over stream; chiseled square

513.52

Carwood, 2.3 mi W. of, along State Highway 60; 2.7 mi SE. of Borden; in sec. 12, T. 1 S., R. 5 E.; 30 ft S. and 15 ft W. of junction of graveled rd. S.; in corner of field owned by E. Miller; in concrete post; standard tablet stamped "TT 23 D 1937 542" (Reported not found, 1957)

541.918

Reference mark; 170 ft E. of tablet; on E. side of hwy.; on concrete headwall over drain; chiseled square

542.73

LINE 5 (Cont'd.)Feet

U. E., Starlight, 1.4 mi W. of; 30 ft NW. of crossroads; on E. end of concrete headwall over drain; chiseled square	920.61	←
Starlight; at St. Johns School; 21 ft NE. of NE. corner of new building; 20 ft W. of SW. corner of old building; 2 ft E. of 8-in. maple tree; in concrete post; standard tablet stamped "10 W 1937 936 RESET 1962" (Reported not found, 1966)	936.173	
Starlight, 0.5 mi E. of; 0.4 mi E. of St. John Catholic Church; near 1/4 corner between secs. 19 and 20, T. 1 S., R. 6 E.; 25 ft S. and 18 ft W. of junction of T-rds.; in corner of field; 2 ft S. of telephone pole; in concrete post; standard tablet stamped "TI 13 D 1937 943" (Reported destroyed, 1969)	942.686	
Reference mark; 275 ft W. of tablet; on N. side of rd.; on concrete headwall over drain; chiseled square	940.38	←
Starlight, 2.2 mi SE. of; 235 ft SE. of bridge over fork of Indian Creek; 52 ft S. and 58 ft E. of intersection of Banet and Bethel Roads; on S. side of Banet Road; in corner of field; in concrete post; standard tablet stamped "TI 14 D 1937 778" (Reported destroyed, 1966)	777.943	
Reference mark; 260 ft NE. of tablet; on S. rail of bridge over stream; chiseled square	768.14	
St. Marys Church, 1.5 mi NE. of; 1.3 mi S. of Atkins Chapel; 0.2 mi S. of farmhouse of V. M. Leuthart; 39 ft S. and 17 ft W. of S. end of concrete bridge over Little Indian Creek; in small cleared patch between rd. and creek; in concrete post; standard tablet stamped "TI 5 D 1937 845" (Reported not found, 1957)	845.003	
Reference mark; 75 ft NE. of tablet; on NE. concrete wingwall of bridge over Little Indian Creek; chiseled square	844.50	
"7 W 1937 967" (Described in line 2)	967.473	

LINE 6.

By C. S. Wells, 1937; Book B 7312

"TI 14 D 1937 778" (Described in line 5) (Reported destroyed, 1966)	777.943	
Galena, 0.5 mi E. of, along U. S. Highway 150, thence 1.2 mi N.; in sec. 2, T. 2 S., R. 5 E.; 24 ft S. and 3 ft E. of junction of rd. S.; at corner of frontyard of residence of John Smith; in concrete post; standard tablet stamped "TI 15 D 1937 758"	757.818	
Reference mark; 65 ft NE. of tablet; on concrete headwall over drain; chiseled square	761.24	
U. E., Greenville, 2.0 mi E. of; 20 ft NE. of farm rd. S.; on head rock over iron drain pipe; chiseled square	805.97	
Greenville; at junction of Pekin and Arthur Coffman Roads; on W. side of Pekin Road; 350 ft W. of Greenlawn Cemetery; 11 ft S. and 20 ft W. of junction of T-rd. E.; in edge of field; in concrete post; standard tablet stamped "TI 16 D 1937 828"	828.528	

LINE 6 (Cont'd.)Feet

Reference mark; 380 ft N. of tablet; on W. side of rd.; in root of 18-in. walnut tree;
copper nail and washer

823.69

Greenville, 2.7 mi N. of; in sec. 20, T. 1 S., R. 5 E.; on W. side of rd.; in E.-W. fenceline
on line between Clark and Floyd Counties; in concrete post; standard tablet stamped
"TT 17 D 1937 960" (Reported not found, 1957)

959.802

Reference mark; 120 ft N. of tablet; on W. side of rd.; in root of lone 18-in. oak tree;
copper nail and washer

962.50

LINE 7.

By C. S. Wells, 1937; Book B 7312

U. E., Pekin, 1.9 mi E. of; 80 ft W. of forks of rd. E.; on N. side of rd.; in front of house;
in root of 24-in. maple tree; copper nail and washer

862.76

[Jogs into Scottsburg quadrangle]

Pekin, 3.0 mi E. of; near corner sections 27 and 28, T. 1 N., R. 5 E.; on line between Clark
and Washington Counties; 22 ft S. of junction of rd. N.; in corner of woods; on S. side of
rd.; 2 ft NE. of chestnut-oak tree; in concrete post; standard tablet stamped
"TT 20 D 1937 867"

867.287

Reference mark; 550 ft E. of tablet; on S. side of rd.; in root of 24-in. oak tree; copper
nail and washer

850.84

LINE 8.

By C. S. Wells, 1937; Book B 7313

"TT 23 D 1937 542" (Described in line 5) (Reported not found, 1957)

541.918

Borden; 115 ft S. and 115 ft E. of intersection of State Highway 60 and Main Street; 2 ft
N. and 1 ft W. of N. corner of bottom step of front entrance to Borden Church of Christ;
in churchyard; in concrete post; standard tablet stamped "TT 24 D 1937 562" (Tied by NGS,
1949)

562.105

Reference mark; 160 ft NW. of tablet; 35 ft NE. of centerline of crossroads; on NE. corner
of sewer top; chiseled cut

563.17

U. E., Borden, 1.0 mi NW. of; on N. side of State Highway 60; 850 ft NW. of RR. milepost No.
298; on concrete headwall over culvert; chiseled square

589.30

1937

LINE 9.

Feet

By C. S. Wells, 1937; Book B 7313

"TT 16 D 1937 828" (Described in line 6)

828.528

U. E., Greenville, 0.4 mi S. of; 25 ft SW. of junction of T-rd. W.; on concrete headwall over drain; chiseled square

779.09

[Jogs into New Salisbury quadrangle]

Georgetown, 2.4 mi NW. of; in sec. 19, T. 2 S., R. 5 E.; 260 ft NW. of metal-roofed barn; 30 ft W. of SW. corner of intersection of Hanby Road; on 6 ft bank in edge of field; in concrete post; standard tablet stamped "TT 29 D 1937 676" (Reported destroyed, 1972)

675.741

Reference mark; 210 ft SW. of tablet; on W. side of rd.; 30 ft NW. of NW. corner of barn; in root of 36-in. elm tree; copper nail and washer

673.03

U. E., Georgetown, 1.2 mi NW. of; on E. end of N. wingwall of bridge over creek; chiseled square

673.65

"D 56 1934" (NGS)

714.090

Georgetown, 1.3 mi SW. of; on line between sec. 5 and 6, T. 3 S., R. 5 E.; in SW. corner of junction of T-rd. S.; on iron post; standard cap stamped "PRIM TRAV STA NO 5 1905 878" (Reported not found, 1966)

878.036

Reference mark; 160 ft W. of tablet; on N. side of rd.; in base of 16-in. walnut tree; rail spike

863.56

LINE 10.

By C. S. Wells, 1937; Book B 7313

U. E., New Albany, 2.0 mi NW. of post office; chiseled square (Described in line 2)

462.66

New Albany, 1.9 mi N. of city limits, along U. S. Highway 31W; at Blackiston Mill; at junction of U. S. Highway 31W and rds. NE.-SE. rds.; in half-moon plot of ground formed by junction of rds.; opposite beer house of C. Komer; in concrete post; standard tablet stamped "TT 38 D 1937 446"

446.071

Reference mark; 120 ft SE. of tablet; on concrete headwall over drain; chiseled square

446.02

U. E., New Albany, 2.7 mi N. of city limits, along U. S. Highway 31W; 40 ft W. of junction of rd. NW.; on concrete headwall over drain; chiseled square

463.76

"TT 6 D 1937 499" (Described in line 2)

498.532

LINE 11.

By C. S. Wells, 1938; Book B 7625

"TT 29 D 1937 676" (Described in line 9) (Reported destroyed, 1972)

675.741

LINE 11 (Cont'd.)Feet

U. E., Georgetown, 1.5 mi N. of; 18 ft S. and 12 ft W. of crossroads; in concrete headwall over drain; chiseled square	832.21
Georgetown, 1.5 mi N. of, thence 1.5 mi E.; 28 ft S. and 21 ft E. of junction of I-rd. W.; in edge of woods; in concrete post; standard tablet stamped "TI 46 D 1937 891"	891.478
Reference mark; 43 ft W. of tablet; on concrete culvert over drain; chiseled square	889.00
U. E., Galena, 0.8 mi S. of, thence 3.0 mi SE., thence 0.9 mi W.; 300 ft N. of junction of T-rd. N.; on SE. abutment of bridge over stream; chiseled square	733.99
Galena, 0.8 mi S. of, thence 3.0 mi SE. along Old Vincennes Road; in section 30, T. 2 S., R. 6 E.; 20 ft N. and 25 ft W. of crossroads; at W. end of bridge over Little Indian Creek; in corner of field; in concrete post; standard tablet stamped "TI 45 D 1937 747" (Reported destroyed, 1969)	747.472
Reference mark; 55 ft SE. of tablet; on NW. wingwall of bridge over stream; chiseled square	750.38
U. E., New Albany, 2.0 mi NW. of post office, chiseled square (Described in line 2)	462.66

HORIZONTAL CONTROL
NORTH AMERICAN DATUM OF 1927

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

38-085-34
NEW ALBANY QUADRANGLE
21 IND.-190 KY.
N3815-W8545/15
DIAGRAM NJ 16-6
LOUISVILLE

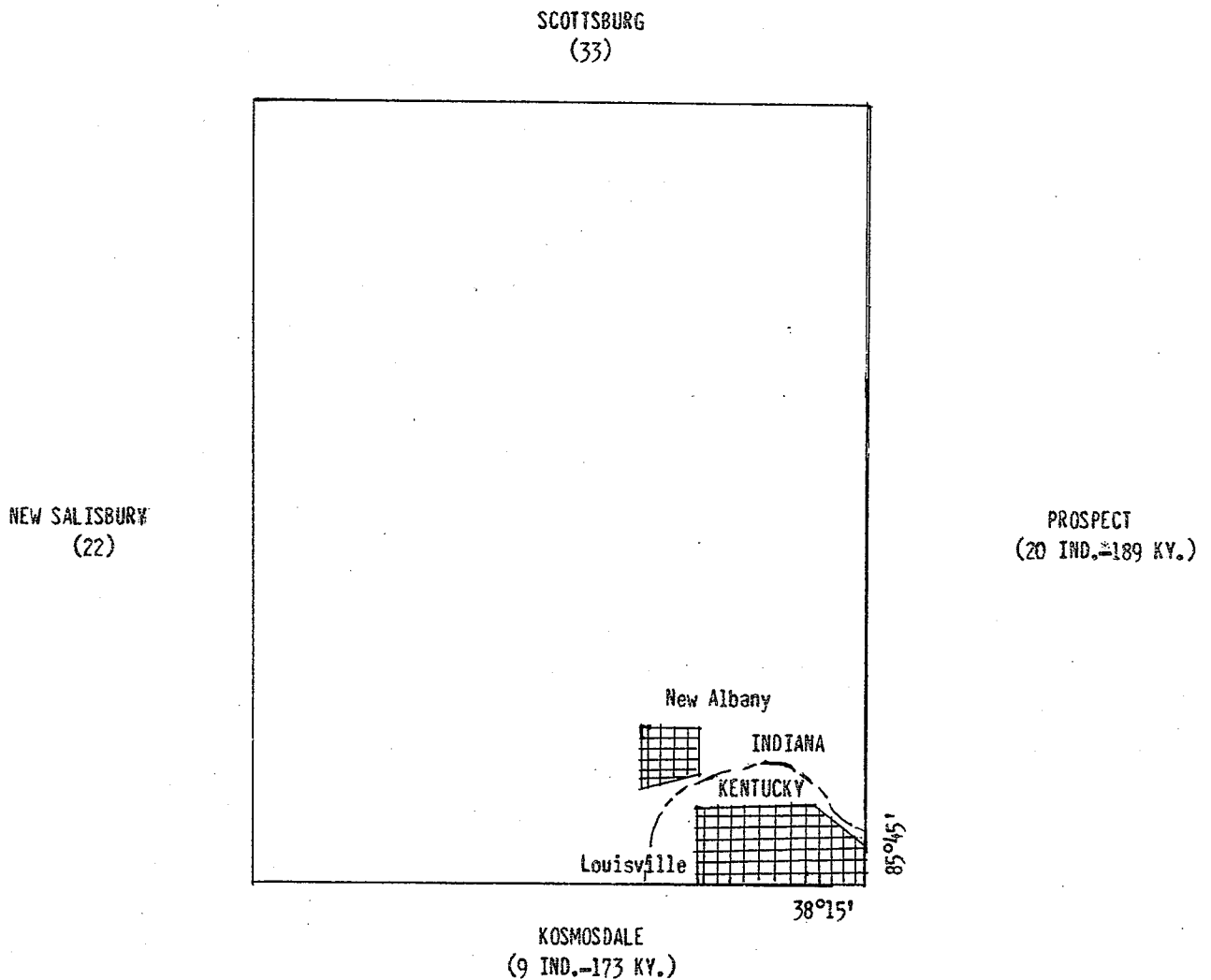
Clark, Floyd, Harrison, and Washington
Counties, Indiana; Jefferson County, Ky.

Only the permanent marks are
listed for control classified
obsolete and are not shown on
sketch

Edition of 5/20/77

PR: CRV/rmm

Plane coordinates are based on transverse Mercator
projection, Indiana, East Zone, and Lambert
projection, Kentucky, North Zone



21 IND.-190 KY.
NEW ALBANY QUADRANGLE

38-085-34
N3815-W8545/15

INDEX OF PERMANENT MARKS

<u>MARK (USGS)</u>	<u>PAGE NO.</u>
502	5
PTS NO 1 1905	3
PTS NO 4 1905	3
PTS NO 5 1905	5
TT 4 D 1937	3
TT 5 D 1937	3
TT 6 D 1937	3
TT 10 D 1937 658	3
TT 11 D 1937	4
TT 12 D 1937	4
TT 13 D 1937	4
TT 14 D 1937	4
TT 15 D 1937	4
TT 16 D 1937	4
TT 17 D 1937	4
TT 20 D 1937	5
TT 23 D 1937	5
TT 24 D 1937	6
TT 29 D 1937	5
TT 38 D 1937	5
TT 44 D 1937	6
TT 45 D 1937	6
TT 46 D 1937	6
10 W 1937 936 RESET 1962	6
<u>USED</u>	
USED BM 122	3
<u>NGS</u>	
Z 59 1934	5
A 60 1934	6

STATION	DESCRIPTION	LATITUDE	LONGITUDE
	PLANE COORDINATES, FEET	° ' "	° ' "

The following positions are considered OBSOLETE. To be used only to locate permanent marks in the field.

By C. B. Kendall, 1905; Book A38

Georgetown, 3.0 mi E. of, along State Highway 64; at Duncan; at SE. corner of post office and store of J. B. Nichols; on N. side of hwy.; 300 ft S. of centerline of main track of Southern Railway; on iron post; standard cap stamped "PRIM TRAV STA NO 4 1905"

Ind. E.)	X = 426,029	Y = 286,718	38 17 13.61	85 55 27.75
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By R. C. Darnell, 1937; Book 02321

New Albany, 3.6 mi NE. of post office; 0.2 mi NE. of McCulloch Chapel School, along State Highway 231; 30 ft S. and 12 ft E. of junction of drive to Heizers Chicken Hatchery; in N. corner of yard; in concrete post; standard tablet stamped "TI 4 D 1937" (Reported destroyed, 1967)

X = 471,474	Y = 295,560	38 18 41.88	85 45 57.89
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New Albany; in NW. corner of yard of Floyd County Courthouse; opposite intersection of State and Spring Streets; USED standard disk designated "USED BM 122" (Original description not available) (Not found, 1965)

X = 454,856	Y = 286,083	38 17 07.97	85 49 26.18
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St. Marys Church, 1.5 mi NE. of; 1.3 mi S. of Atkins Chapel; 0.2 mi S. of farmhouse of V. M. Leuthart; 39 ft S. and 17 ft W. of S. end of concrete bridge over Little Indian Creek; in small cleared patch between rd. and creek; in concrete post; standard tablet stamped "TI 5 D 1937" (Not found, 1957)

X = 448,499	Y = 316,123	38 22 04.82	85 50 46.65
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Sellersburg, 2.3 mi S. of, along U.S. Highway 31W.; on E. side of Highway; 50 ft S. and 25 ft E. of hwy. and county line rd. crossing; near wire fence; in concrete post; standard tablet stamped "TI 6 D 1937"

X = 468,497	Y = 316,058	38 22 04.49	85 46 35.55
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Sellersburg; at S. end of station; on iron post; standard cap stamped "PRIM TRAV STA NO 1 1905"

X = 475,987	Y = 326,054	38 23 43.38	85 45 01.62
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By R. C. Darnell, 1937; Book 02322

Blue Lick, 3.1 mi SW. of; 4.5 mi NE. of Carwood; 23 ft S. and 44 ft W. of NE. fork of triangle formed by rds.; near 1/4 cor. between secs. 27 and 34, T. 1 N., R. 6 E.; in NE. corner of triangular wooded area; in concrete post; standard tablet stamped "TI 10 D 1937 658"

X = 447,851	Y = 359,555	38 29 14.16	85 50 55.86
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STATION	DESCRIPTION PLANE COORDINATES, FEET	LATITUDE ° ' "	LONGITUDE ° ' "
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OBSOLETE MARKS (Cont'd.)

Carwood, 1.3 mi NE. of station; 0.3 mi NE. of Buzzards Roost School; near center of sec. 4, T. 1 S., R. 6 E.; 35 ft N. and 65 ft W. of center of small triangle formed by junction of rds.; 350 ft NE. of bridge over branch of Muddy Fork Creek; 9 ft W. of old well in field; in concrete post; standard tablet stamped "TI 11 D 1937"

Ind. E.)	X = 445,697	Y = 350,856	38 27 48.12	85 51 22.73
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Hickory Grove Cemetery, 1.1 mi S. of; on abandoned Hickory Grove-Saint Joseph-Starlight rds.; near edge of hill; 23 ft SW. of triangular blaze on 6-in. pine tree; 17 ft N. of triangular blaze on 8-in. red oak tree; in concrete post; standard tablet stamped "TI 12 D 1937"

	X = 449,638	Y = 339,430	38 25 55.25	85 50 32.90
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Starlight, 0.5 mi E. of; 0.4 mi E. of St. Johns Catholic Church; near 1/4 cor. between secs. 19 and 20, T. 1 S., R. 6 E.; 25 ft S. and 18 ft W. of junction of I-rds.; in corner of field; 2 ft S. of telephone pole; in concrete post; standard tablet stamped "TI 13 D 1937" (Reported destroyed, 1969)

	X = 437,873	Y = 333,239	38 24 53.80	85 53 00.57
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Starlight, 2.2 mi SE. of; 235 ft SE. of bridge over fork of Indian Creek; 52 ft S. and 58 ft E. of intersection of Banet and Bethel Roads; in corner of field; in concrete post; standard tablet stamped "TI 14 D 1937" (Reported destroyed, 1966)

	X = 438,008	Y = 322,416	38 23 06.81	85 52 58.56
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By R. C. Darnell, 1937; Books D2322 and D2323

Galena, 0.5 mi E. of, along U.S. Highway 150, thence 1.2 mi N.; in sec. 2, T. 2 S., R. 5 E.; 24 ft S. and 3 ft E. of junction of rd. S.; in NW. corner of frontyard of John Smith; in concrete post; standard tablet stamped "TI 15 D 1937"

	X = 423,393	Y = 315,850	38 22 01.52	85 56 01.87
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Greenville; at junction of Pekin and Arthur Coffman Roads; on W. side of Pekin Road; 350 ft W. of Greenlawn Cemetery; 11 ft S. and 20 ft W. of junction of I-rd. E.; in edge of field; in concrete post; standard tablet stamped "TI 16 D 1937"

	X = 408,644	Y = 318,499	38 22 27.25	85 59 07.17
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Greenville, 2.7 mi N. of; in sec. 20, T. 1 S., R. 5 E.; in E.-W. fenceline; on line between Clark and Floyd Counties; 30 ft W. of centerline of rd.; in concrete post; standard tablet stamped "TI 17 D 1937" (Not found, 1957)

	X = 407,486	Y = 331,830	38 24 38.99	85 59 22.29
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21 IND.-190 KY.
NEW ALBANY QUADRANGLE

38-085-34

5

STATION DESCRIPTION
PLANE COORDINATES, FEET

LATITUDE
° ' "

LONGITUDE
° ' "

OBSOLETE MARKS (Cont'd.)

Pekin, 3.0 mi E. of; at cor. secs. 27 and 28, T. 1 N., R. 5 E.; 22 ft S. of junction of T-rd. N.; on Clark-Washington County line; in corner of woods; in concrete post; standard tablet stamped "TI 20 D 1937"

Ind. E.) X = 416,860 Y = 363,956 38 29 56.87 85 57 25.80

Carwood, 2.3 mi W. of, along State Highway 60; 2.7 mi SE. of Borden; 30 ft N. and 15 ft W. of junction of graveled rd. S. to Greenville; in corner of field of E. Miller; in concrete post; standard tablet stamped "TI 23 D 1937" (Not found, 1957)

X = 432,698 Y = 344,297 38 26 42.98 85 54 05.94

New Albany; 2.2 mi SW. of courthouse; near center of sec. 9, T. 3 S., R. 6 E.; 10 ft S. and 12 ft E. of junction of Budd and Magazine Roads; in edge of orchard of A. Amacher; on iron post; standard cap stamped "502"

X = 446,439 Y = 279,148 38 15 59.26 85 51 11.58

Georgetown, 1.3 mi SW. of; on line between sec. 5 and 6, T. 3 S., R. 5 E.; in SE. corner of junction of T-rd. S.; on iron post; standard cap stamped "PRIM TRAV STA NO 5 1905" (Reported destroyed, 1966)

X = 406,537 Y = 286,045 38 17 06.35 85 59 32.19

Georgetown, 2.4 mi NW. of; in sec. 19, T. 2 S., R. 5 E.; 260 ft NE. of barn; 39 ft W. of SW. corner of intersection of Hamby Road; on top of 6-ft bank in edge of field; in concrete post; standard tablet stamped "TI 29 D 1937" (Reported destroyed, 1972)

X = 404,459 Y = 297,789 38 19 02.37 85 59 58.78

By R. C. Darnell, 1937; Book D2324

New Albany, 1.9 mi N. of city limits, along U.S. Highway 31W.; at Blackiston Mill; 17 ft N. and 43 ft W. of junction of U.S. Highway 31W and NE.-SE. rds.; in half-moon plot ground formed by junction of rds.; in concrete post; standard tablet stamped "TI 38 D 1937"

X = 462,225 Y = 304,282 38 20 07.99 85 47 54.09

Speed, 2.4 mi N. of station, along Pa. RR.; opposite stop 42 of traction line; 99 ft E. of E. rail of traction line; 25 ft E. of E. rail of main line; 21 ft N. of center of private lane; 1 ft lower than track; in concrete post; NGS standard disk stamped "Z 59 1934"

X = 472,047 Y = 345,727 38 26 57.82 85 45 51.37

21 IND.-190 KY.
NEW ALBANY QUADRANGLE

38-085-34
6

STATION DESCRIPTION
PLANE COORDINATES, FEET

LATITUDE
° ' "

LONGITUDE
° ' "

OBSOLETE MARKS (Cont'd.)

Starlight; at St. Johns School; 21 ft NE. of NE. corner of new building; 20 ft W. of SW. corner of old building; 2 ft E. of 8-in. maple tree; in concrete post; standard tablet stamped "10 W 1937 936 RESET 1962" (Not found, 1966)

Ind. E.) X = 435,069 Y = 333,356 38 24 54.89 85 53 35.80

Starlight, 2.5 mi W. of; 1.2 mi SE. of Pleasant Ridge Christian Church; 29 ft N. and 30 ft E. of junction of T-rd. N.; on 10-ft bank; in corner of field; in concrete post; standard tablet stamped "TI 44 D 1937"

X = 421,975 Y = 334,558 38 25 06.42 85 56 20.36

Galena, 0.8 mi S. of, thence 3.0 mi SE. along Old Vincennes Road; near center of sec. 30, T. 2 S., R. 6 E.; 20 ft N. and 25 ft W. of crossroads; at W. end of bridge over Little Indian Creek; in corner of field; in concrete post; standard tablet stamped "TI 45 D 1937" (Reported destroyed, 1969)

X = 433,955 Y = 295,486 38 18 40.49 85 53 48.61

Georgetown, 1.5 mi N. of, thence 1.5 mi E.; 1/4 cor. between secs. 22 and 27, T. 2 S., R. 5 E.; 28 ft S. and 21 ft E. of junction of T-rd. W.; in concrete post; standard tablet stamped "TI 46 D 1937"

X = 419,435 Y = 297,351 38 18 58.53 85 56 50.85

Memphis; 75 ft E. of centerline of U.S. Highway 31; 29 ft E. of centerline of dirt rd.; 12 ft W. of, and 4.5 ft lower than W. rail of Pa. RR. track; at W. end of S. abutment of RR. bridge No. 93/53; in third step from bottom; NGS standard disk stamped "A 60 1934"

X = 472,635 Y = 356,783 38 28 47.12 85 45 44.12

MARK TIED BY NGS

By R. C. Darnell, 1937; Book D2323

Borden, in village of; 115 ft S. and 115 ft E. of intersection of State Highway 60 and Main Street; 2 ft N. and 1 ft W. of N. corner of bottom step of front entrance to Church of Christ; in churchyard; in concrete post; standard tablet stamped "TI 24 D 1937"

X = 419,692.75 Y = 352,133.31 38 28 00.090 85 56 49.710

DISCLAIMER

We no longer attest to the validity of the positions listed for horizontal control established by transit traverse procedures. This control is now considered OBSOLETE and is included in this list for the purpose of identification only.